

AGENCY PROFILE

Program Year 2008

Redwood Community Action Agency

Service Area	10
Total Low Income Households	20,521

See Footnote #1

Households Served and Average Benefit

Program Component	Service Area		Statewide
	Households Served	Average Benefit per Household	Average Benefit per Household
ECIP EHCS Cooling	0	\$0	\$861
ECIP EHCS Heating	26	\$1,816	\$1,208
ECIP Fast Track	260	\$274	\$351
ECIP WPO	556	\$285	\$322
HEAP Gas & Electric	1308	\$205	\$238
HEAP WPO	0	\$0	\$299
Weatherization	169	\$1,148	\$1,446

See Footnote #2

Household Income

	Service Area			Statewide		
	Under 100%	101 - 125%	Over 125%	Under 100%	101 - 125%	Over 125%
LIHEAP Eligible Households						
Census Data	41%	17%	42%	39%	16%	45%

Program Component	Service Area				
	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	19%	10%	32%	15%	23%
ECIP Fast Track	41%	15%	25%	8%	12%
HEAP Gas & Electric	25%	12%	37%	11%	16%
HEAP WPO	0%	0%	0%	0%	0%
Weatherization	25%	12%	28%	11%	24%

Program Component	Statewide				
	Under 75%	75% to 100%	101% to 125%	126% to 150%	Over 150%
ECIP EHCS & WPO	28%	17%	24%	16%	15%
ECIP Fast Track	49%	16%	18%	8%	9%
HEAP Gas & Electric	30%	16%	33%	12%	10%
HEAP WPO	28%	14%	28%	13%	17%
Weatherization	28%	17%	25%	13%	17%

See Footnote #3

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Vulnerable Populations

	Service Area			Statewide		
	Elderly	Disabled	Children Under 5	Elderly	Disabled	Children Under 5
LIHEAP Eligible Households						
Census Data	28%	38%	6%	33%	37%	8%

Program Component	Service Area	Statewide
	VP HHs to Total HHs	VP HHs to Total HHs
ECIP EHCS & WPO	87%	77%
ECIP Fast Track	87%	81%
HEAP Gas & Electric	83%	76%
HEAP WPO	0%	82%
Weatherization	79%	77%

See Footnote #4

Energy Burden

National Average	15%
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Program Component	Service Area Average Energy Burden
ECIP Fast Track	22%
HEAP Gas & Electric	12%
Weatherization	10%

See Footnote #5

Primary Heating Fuel Type

	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Census Data	62%	14%	8%	1%	15%	1%

Program Component	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Weatherization	51%	39%	4%	0%	6%	0%

See Footnote #6

ECIP/HEAP Expenditures

Program Component	Service Area	Statewide Range
	Actual Expenditures	Actual Expenditures
ECIP EHCS	12%	1% - 30%
ECIP Fast Track	16%	7% - 42%
ECIP WPO	28%	1% - 21%
HEAP Gas/Electric	44%	27% - 67%
HEAP WPO	0%	1% - 21%

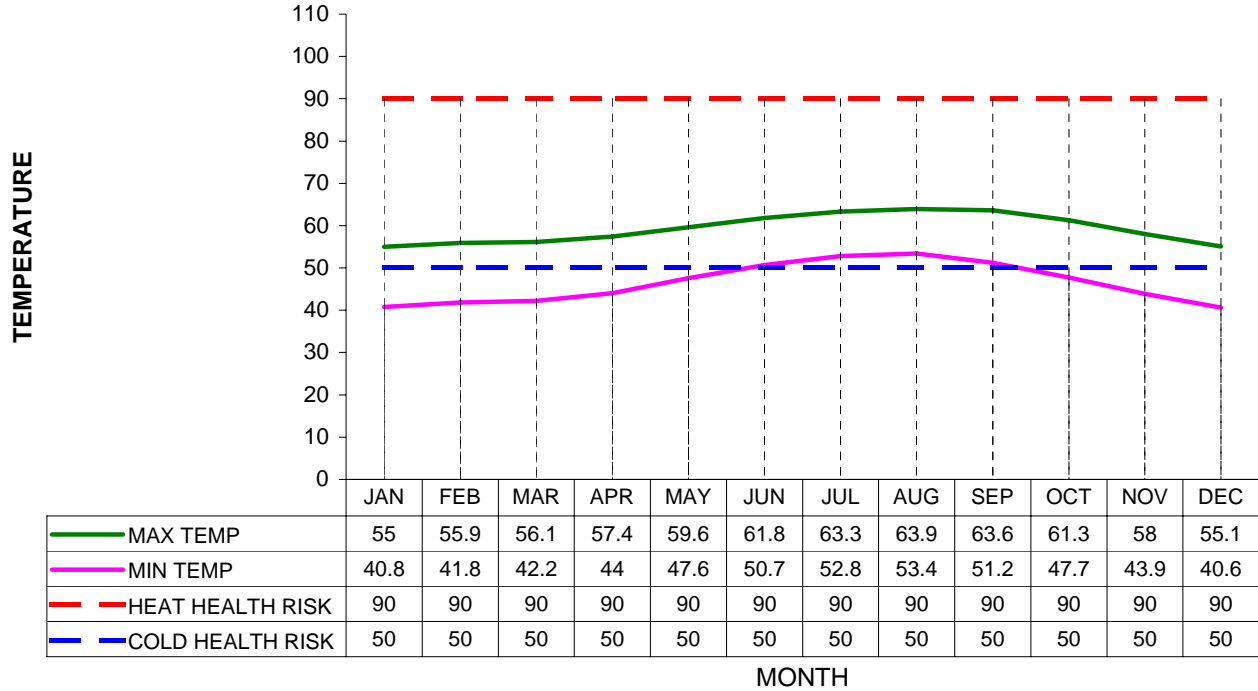
See Footnote #7

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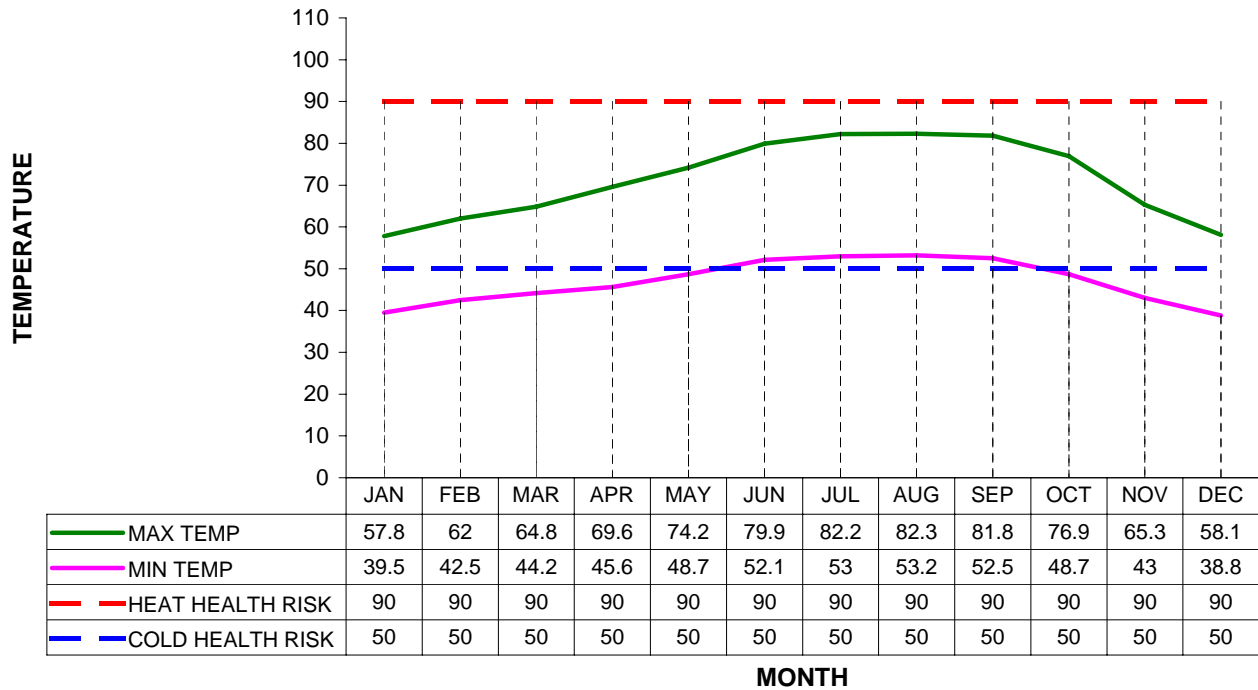
Program Year 2008

Climate Data

REPRESENTATIVE CEC CLIMATE ZONE 1



REPRESENTATIVE CEC CLIMATE ZONE 2

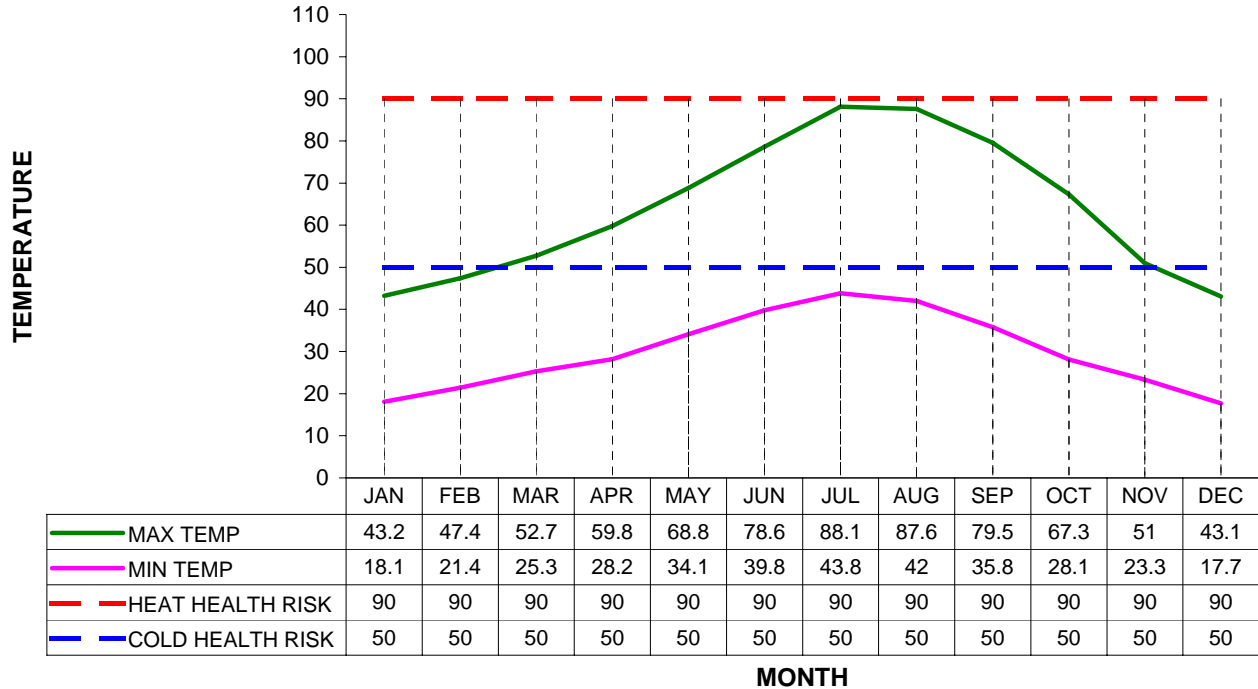


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Program Year 2008

Climate Data

REPRESENTATIVE CEC CLIMATE ZONE 16



Heating/Cooling Seasons

Zone	Heating Months	Cooling Months
1	October - May	n/a
2	October - May	n/a
16	January - December	n/a

CEC Climate Zone Descriptions

Zone	Description
1	North coastal
2	Northern coastal valley
16	Mountain

See Footnote #8

California Energy Commission (CEC) Building Climate Zones by City

City	Climate Zone	City	Climate Zone
Alderpoint	2	Capetown	1
Alton	1	Carlotta	1
Arcata	1	Centerville	1
Arcata Bay	1	Crannell	1
Bayside	1	Cutten	1
Bear Buttes	2	Dinsmores	2
Bear River	1	Eel Rock	2
Benbow	2	Elk River	1
Big Lagoon	1	Elk River (North Fork)	1

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Blocksburg	2	Elk River (South Fork)	1
Blue Lake	1	Ettersburg	1
Briceland	2	Eureka	1
Bridgeville	2	Falk	1
Bull Creek	1	Fernbridge	1
Butler Valley	1	Ferndale	1
Cape Mendocino	1	Fieldbrook	1

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Climate Data

California Energy Commission (CEC) Building Climate Zones by City - continued

City	Climate Zone	City	Climate Zone
Fields Landing	1	Orleans	2
Fort Seward	2	Patricks Point	1
Fortuna	1	Pepperwood	1
Freshwater	1	Petrolia	1
Garberville	2	Phillipsville	2
Harris	2	Point Delgada	1
Holmes	1	Redcrest	1
Honeydew	1	Redway	2
Hoopa	2	Richardson Grove	2
Humboldt Bay	1	Rio Dell	1
Hupa Mountain	1	Rohnerville	1
Hydesville	1	Salmon Mountain	16
Johnsons	1	Salt River	1
King Range	1	Samoa	1
Kneeland	1	Scotia	1
Korbel	1	Sequoia	2
Little River	1	Shelter Cove	1
Loleta	1	Shively	1
Mail Ridge	2	South Fork	1
Maple Creek	1	Taylor Peak	1
Mattole River	1	Trinidad	1
Mattole River (North Fork)	1	Trinidad Head	1
Mattole River (South Fork)	1	Waddington	1
McCann	2	Weitchpec	2
McKinleyville	1	Weott	1
Miranda	2	Westhaven	1
Mount Lassic	2	Whitehorn	1
Myers Flat	2	Willow Creek	2
Orick	1		

See Footnote #9

Department of Energy (DOE) Climate Zones by Weather Station

Weather Station	Cooperative Station ID #	Heating Degree Days (65° Base)	Cooling Degree Days (65° base)	DOE Climate Zone
Eureka WFO Woodley IS	42910	4,403	7	3
Grizzly Creek State Park	43647	4,610	38	3
Orick Prairie Creek Pk	46498	5,005	3	3
Orleans	46508	3,389	831	4
Richardson Grove St. Pk.	47404	3,743	500	4
Scotia	48045	3,793	47	4
Shelter Cove AV	48163	3,266	92	4
Willow Creek 1	49694	3,566	887	4

See Footnote #10

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Repeat Customers

Program Component	Service Area	Statewide
	Repeat Customers	Repeat Customers
HEAP	29%	20%
Fast Track	3%	10%

See Footnote #11

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Footnotes

1. ***Total Low Income Households***
Source:
 - Census information was provided by the California Department of Finance.
2. ***Households Served and Average Benefit***
 - The average benefit per household for ECIP EHCS and Weatherization was calculated by dividing the total direct program activity by the total households served.
 - The average benefit per household for Fast Track, WPO and HEAP was calculated by dividing the total benefits received by the total households served.Sources:
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
 - Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.
3. ***Household Income***
Sources:
 - Census information was provided by the California Department of Finance.
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
4. ***Vulnerable Populations***
 - The number of vulnerable population households is not duplicated.Sources:
 - Census information was provided by the California Department of Finance.
 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
5. ***Energy Burden***

The energy burden is calculated by dividing the total household energy costs by the total household income.

Source:
 - The national average energy burden was derived from the LIHEAP Home Energy Workbook for Fiscal Year 2005, DHHS, May 2007, page i.
 - Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
 - Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.
6. ***Primary Heating Fuel Type***
 - Fuel types represent the types of fuels used as the primary heating source for low-income homes.
 - The other heating fuel type category includes but is not limited to solar, coal and non-existent heating.Source:
 - Census information was provided by the California Department of Finance.
 - Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2006, the first year that fuel types were collected for LIHEAP.

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Program Year 2008

Footnotes

7. ***ECIP/HEAP Expenditures***
 - The expenditure ratios were calculated by dividing the total expenditures for each program by the sum total of all program expenditures included in this analysis.
 - One standard deviation was used to determine the statewide ranges over a period of five years. For normally distributed data, about 68 % of the values are within 1 standard deviation of the average.

Sources:

 - ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Years 2002 through 2006.
 - Fast Track and HEAP data was derived from the CLASS database for Program Years 2002 through 2006.
8. ***Representative CEC Climate Zones***
 - Heat and Cold Level 1 is categorized as cautionary.
 - Heat and Cold Level 2 is categorized as extremely cautionary.

Source:

 - Cautionary levels of temperature were obtained from the California Office of Emergency Services.
 - Average monthly maximum and minimum temperatures were derived from the National Oceanic and Atmospheric Administration (NOAA), Monthly Station Normals of Temperature, Precipitation and Heating and Cooling Degree Days 1971-2000, 04 California, February 2002.
9. ***CEC Building Climate Zones by City***

Source:

 - Climate zone data was obtained from the Joint Appendices for the 2005 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, October 2004, Table II.2.
10. ***DOE Climate Zones by Weather Station***
 - Heating and cooling degree days are used to categorize weather stations within a service area into DOE climate zones using a pre-established range of heating and cooling degree days.
 - A degree day is calculated by subtracting the average temperature of the day from the degree day base. If it is a heating degree day, it is the difference below the base. If it is a cooling degree day, it is the difference above the base. The degree days are averaged over a 30-year period.

Source:

 - Weather stations and degree days were obtained from the National Oceanic & Atmospheric Administration (NOAA), Annual Degree Days to Selected Bases, 1971-2000, released 6/20/02.
11. ***Repeat Customers***
 - The rate of repeat customers receiving utility assistance was calculated by dividing the total customers receiving services two or more consecutive program years by the total customers served from Program Years 2004 through 2006.

Source:

 - Fast Track and HEAP data was derived from the CLASS database for Program Years 2004 through 2006.